



A.D. 1863, 10th JULY. N° 1722.

SPECIFICATION

OF

JAMES JOHN SHEDLOCK.

SOIL-PITS.

LONDON:

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,

PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY:

PUBLISHED AT THE GREAT SEAL PATENT OFFICE,

25, SOUTHAMPTON BUILDINGS, HOLBORN.

1864.



A.D. 1863, 10th JULY. N° 1722.

Soil-pits.

(This Invention received Provisional Protection only.)

PROVISIONAL SPECIFICATION left by James John Shedlock at the Office of the Commissioners of Patents, with his Petition, on the 10th July 1863.—A communication from Adolphe Kolb and Théodore de Léven-
5 hagen, residing at No. 24, Rue de Dunkerque, Paris, in the Empire of France.

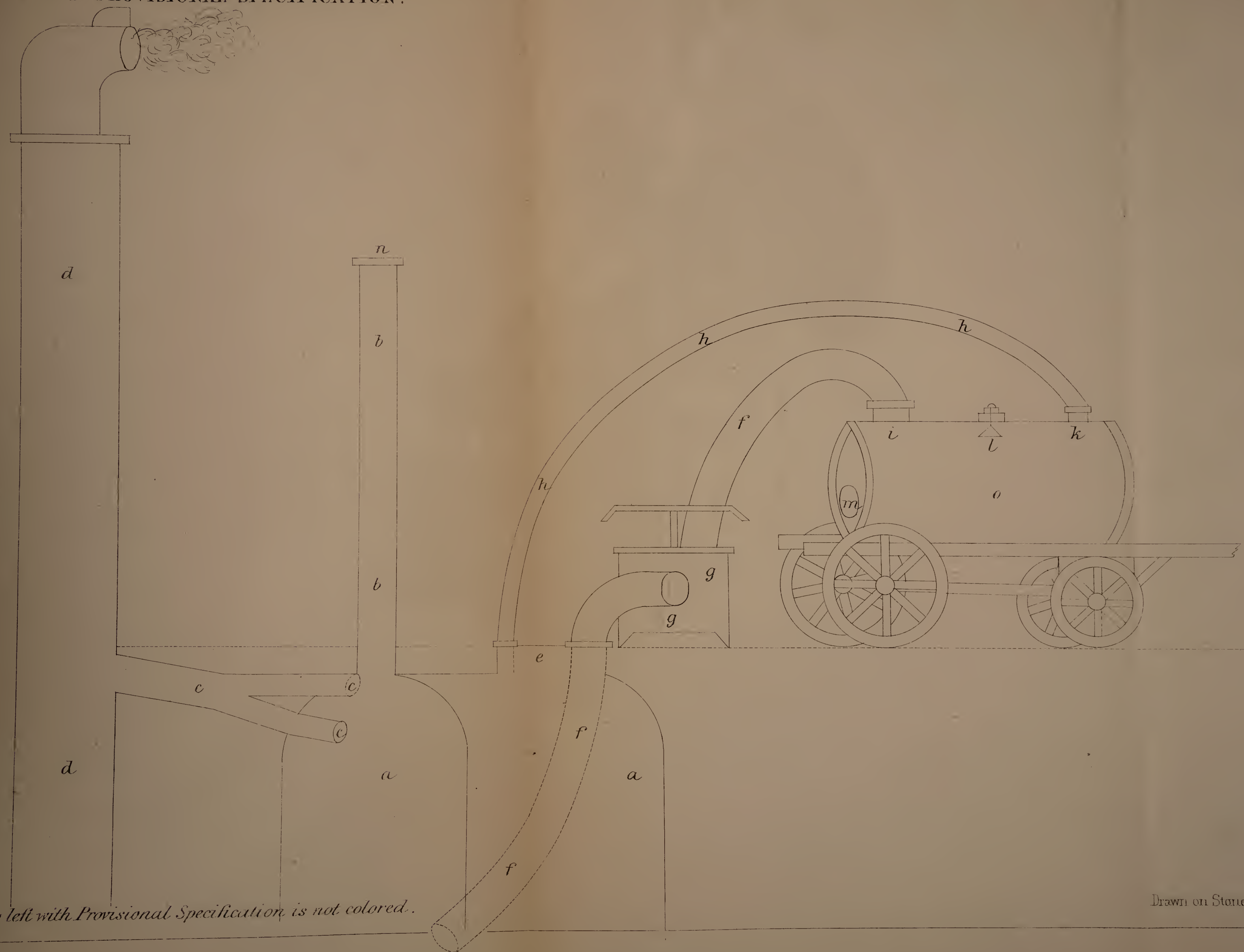
I, JAMES JOHN SHEDLOCK, of No. 12, Abingdon Street, in the City of Westminster, Engineer, do hereby declare the nature of the said Invention for “IMPROVEMENTS IN THE CONSTRUCTION OF SOIL-PITS, AND IN THE MODE OF
EMPTYING THE SAME,” to be as follows:—

10 This Invention relates to improvements in the construction and mode of emptying privy and other soil-pits, as shewn in the accompanying Drawing, in which *a, a*, represent the pit with lining and vault in masonry; *b, b*, the entry pipe; *c, c, c*, conduits by which the gases disengaged in the pit are carried to the flue *d, d*; *e* is an opening formed in the key of the vault and
15 covered by a plate or flag, in which are pierced three orifices. The first of those orifices at *e* serves as man-hole, the second gives passage when required to the pipe *f, f*, of the pump *g, g*, and the third to the tube *h, h, h*, which carries back to the pit the gases disengaged (during the emptying) in the recipient *o*; *g, g*, is an ordinary clearing pump; *i*, connexion of the pipe *f, f*;
20 *k*, connexion of the tube *h, h, h*; *l*, gauge; *m*, discharge orifice of the recipient *o*; *n* cover of the entry conduit.

By application of the above improvements we obtain a perfect aeration of the pit and consequent suppression of mephitic emanations even during the process of emptying while dispensing with the use of water and disinfectants.

LONDON:

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1864.



The drawing left with Provisional Specification is not colored.

Drawn on Stone by Malby & Sons

